

Title (en)

ELECTRIC POWER SUPPLY SYSTEM FOR TRAINS WITH INTEGRATED COMMUNICATION SYSTEM

Title (de)

ELEKTRISCHES ENERGIEVERSORGUNGSSYSTEM FÜR SCHIENENFAHRZEUGE MIT INTEGRIERTEM KOMMUNIKATIONSSYSTEM

Title (fr)

SYSTÈME D'ALIMENTATION EN ÉNERGIE ÉLECTRIQUE POUR VÉHICULES FERROVIAIRES COMPRENANT D'UN SYSTÈME DE COMMUNICATION INTÉGRÉ

Publication

EP 3708457 A2 20200916 (EN)

Application

EP 20162183 A 20200310

Priority

SE 1950325 A 20190315

Abstract (en)

An electric railway system comprising a continuous conductor running along the railway track, to supply high-voltage power to trains travelling on the railway system, wherein the conductor is arranged as an overhead line, suspended from poles or towers distributed along the railway track. The system further comprises access points for data communication with trains travelling on said railway system, wherein said access points are arranged on said poles or towers.

IPC 8 full level

B61L 15/00 (2006.01); **B61L 27/00** (2006.01); **B60M 1/12** (2006.01)

CPC (source: EP SE US)

B60M 1/06 (2013.01 - US); **B61L 1/02** (2013.01 - US); **B61L 15/0027** (2013.01 - EP SE); **B61L 27/70** (2022.01 - EP); **B60M 1/12** (2013.01 - EP); **B60M 1/307** (2013.01 - SE); **B61L 1/12** (2013.01 - US); **B61L 27/70** (2022.01 - SE); **H04W 4/42** (2018.01 - SE US); **H04W 84/005** (2013.01 - SE US); **H04W 88/08** (2013.01 - SE US)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3708457 A2 20200916; **EP 3708457 A3 20201007**; CA 3074796 A1 20200915; SE 1950325 A1 20200916; US 11325503 B2 20220510; US 2020290481 A1 20200917

DOCDB simple family (application)

EP 20162183 A 20200310; CA 3074796 A 20200306; SE 1950325 A 20190315; US 202016814660 A 20200310